

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data set;

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintaining said third data set according to a preset interval of time.

2. (Original) The method of claim 1 wherein said third data set further includes point of discharge and transfer information.

3. (Original) The method of claim 1 wherein said third data set further includes discharged component information.

4. (Original) The method of claim 1 wherein said process is a chemical reaction.

5. (Original) The method of claim 1 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

6. (Original) The method of claim 1 wherein said data sets are provided by an outsourcing company.

7. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

providing a fourth data set containing handling precautions, hazards and legal regulations for said materials;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets;

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintaining said third data set according to a preset interval of time.

8. (Original) The method of claim 7 wherein said third data set further includes point of discharge and transfer information.

9. (Original) The method of claim 7 wherein said third data set further includes discharged component information.

10. (Original) The method of claim 7 wherein said process is a chemical reaction.

11. (Original) The method of claim 7 wherein said data sets are provided by an outsourcing company.

12. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets; and

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances.

13. (Original) The method of claim 12 further comprising the step of maintaining said third data set according to a preset interval of time.

14. (Original) The method of claim 12 wherein said third data set further includes point of discharge and transfer information.

15. (Original) The method of claim 12 wherein said third data set further includes discharged component information.

16. (Original) The method of claim 12 wherein said process is a chemical reaction.

17. (Original) The method of claim 12 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

18. (Original) The method of claim 12 wherein said data sets are provided by an outsourcing company.

19. (Currently Amended) A system for management of chemical materials comprising:

a server comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

said server being in communication with a processor, said processor being programmed to:

analyze a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets;

determine an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintain said third set of data according to a preset interval of time.

20. (Original) The system of claim 19 wherein said third data set further includes point of discharge and transfer information.

21. (Original) The system of claim 19 wherein said third data set further includes discharged component information.

22. (Original) The system of claim 19 wherein said process is a chemical reaction.

23. (Original) The system of claim 19 further comprising a fourth data set containing handling precautions, hazards and legal regulations for said materials.

24. (Original) The system of claim 19 wherein said data sets are provided by an outsourcing company.

25. (Currently Amended) A system for management of chemical materials comprising:

a server comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

a fourth data set containing handling precautions, hazards and legal regulations for said materials;

said server being in communication with a processor, said processor being programmed to:

analyze a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets;

determine an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintain said third set data according to a preset interval of time.

26. (Original) The system of claim 25 wherein said third data set further includes point of discharge and transfer information.

27. (Original) The system of claim 25 wherein said third data set further includes discharged component information.

28. (Original) The system of claim 25 wherein said process is a chemical reaction.

29. (Original) The system of claim 25 wherein said data sets are provided by an outsourcing company.

30. (Currently Amended) A system for management of chemical materials comprising:

a server comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

said server being in communication with a processor, said processor being programmed to:

analyze a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets; and

determine an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances.

31. (Original) The system of claim 30 wherein said third data set further includes point of discharge and transfer information.

32. (Original) The system of claim 30 wherein said third data set further includes discharged component information.

33. (Original) The system of claim 30 wherein said process is a chemical reaction.

34. (Original) The system of claim 30 further comprising a fourth data set containing handling precautions, hazards and legal regulations for said material.

35. (Original) The system of claim 30 wherein said data sets are provided by an outsourcing company.

36. (Currently Amended) A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said controlled substances;

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances; and

said third set data being maintained according to a preset interval of time.

37. (Currently Amended) A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

fourth data set containing handling precautions, hazards and legal regulations for said materials;

said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said controlled substances;

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances; and

said third set data being maintained according to a preset interval of time.

38. (Currently Amended) A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said controlled substances; and

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances.

39. (Original) A method for management of chemical materials comprising the steps of:

providing a first data set containing substances which comprise said materials;

providing a second data set containing substances which are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from fed substance and generated in the process;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data set; and

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances.